CLAIMS

1.	1. A gas cigarette lighter comprising:					
2	a fuel reservoir made of an amorphous polymer material, the reservoir having a top					
3	wall, the top wall having an annular groove and an annular wall;					
4	a well, the well passing through the top wall;					
5	a gas dispensing device including a tubular element, the tubular element being					
6	disposed in the well;					
7	a ring, the ring engaging the annular groove;					
8	wherein the annular groove surrounds the well, and at least a portion of the annula					
9	wall is reinforced by the ring.					
1	2. A cigarette lighter according to claim 1, wherein the top wall forms the					
2	annular wall between the annular groove and the well, and the annular wall is clamped					
3	between the ring and the tubular element.					
1	3. A cigarette lighter according to claim 1, wherein the annular wall is formed					
2	by the annular groove.					
1	4. A cigarette lighter according to claim 1, wherein the annular groove has a					
2	first annular face facing radially outwards, and the ring has a first annular face facing					
3	radially inwards, and the first groove face and the first ring face are engaged in tight-fitting					
4	manner with one another.					
1	5. A cigarette lighter according to claim 4, wherein the annular groove has a					
2	second annular face facing radially inwards, and the ring has a second annular face facing					
3	radially outwards, and the second annular groove face and the second ring face are not in					
4	engaged in tight-fitting manner with one another.					
1	6. A cigarette lighter according to claim 1, wherein the well, the tubular					
2	element, the ring and the groove are in the shape of a cylinder that is circularly-					
3	symmetrical, the groove having a certain inside diameter, and the ring having an inside					
4	diameter that is no larger than the inside diameter of the groove, the well having a certain					
5	diameter and the tubular element having a certain outside diameter that is no smaller than					
6	the diameter of the well.					

1	7. A cigarette lighter according to claim 6, wherein the groove has a certain				
2	outside diameter, and the ring has an outside diameter that is no larger than the outside				
3	diameter of the groove.				
1	8. A cigarette lighter according to claim 1, wherein the lighter is provided wi				
2	a head that overlies the reservoir, the head having an ignition device and a device for				
3	controlling the gas dispensing device, the ring being part of the head of the lighter.				
1	9. A cigarette lighter according to claim 8, wherein the head and the ring are				
2	formed as a single piece made of a semi-crystalline polymer material.				
1	10. A cigarette lighter according to claim 8, wherein the tubular element is				
2	engaged by force in a hole provided in the head.				
1	11. A cigarette lighter according to claim 1, wherein the gas dispensing device				
2	includes a regulating device and a valve that are received inside the tubular element.				
1	12. A cigarette lighter according to claim 11, wherein the tubular element is				
2	made of metal and has an internal shoulder against which a micro-porous disk is held by a				
3	retaining ring, the tubular element having one end crimped against the retaining ring.				
1	13. A cigarette lighter according to claim 1, wherein the reservoir has a side was				
2	against which the top wall is bonded.				
1	14. A cigarette lighter according to claim 1, wherein the reservoir is formed of				
2	material selected from the group consisting of ABS or SAN.				
1	15. A gas cigarette lighter comprising:				
2	a fuel reservoir having a bottom wall, an annular side wall extending therefrom and				
3	a top end;				
4	a top wall disposed on the top end, the top wall having an annular groove and an				
5	annular wall;				
6	a head disposed on the top wall, the head having a ring, the ring being disposed				
7	within the annular groove;				
8	a well disposed within the top wall, the well containing a tubular element disposed				
9	therein; and				

a gas dispensing device disposed within the tubular element.

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- 1 16. A cigarette lighter according to claim 15, wherein the top wall forms the annular wall between the annular groove and the well, and the annular wall is clamped between the ring and the tubular element.
- 1 17. A cigarette lighter according to claim 15, wherein the annular wall is formed 2 by the annular groove.
- 1 18. A cigarette lighter according to claim 15, wherein the annular groove has a 2 first annular face, facially radially outwards, and the ring has a first annular face facing 3 radially inwards; and the first groove face and the first ring face are engaged in tight-fitting 4 manner with one another.
- 1 19. A cigarette lighter according to claim 18, wherein the annular groove has a second annular face facing radially inwards, and the ring has a second annular face facing radially outwards; and the second groove face and the second ring face are not engaged in tight-fitting manner with one another.
- 1 20. A cigarette lighter according to claim 15, wherein the well, the tubular 2 element, the ring and the groove are in the shape of a cylinder that is circularly-3 symmetrical.
- 1 21. A cigarette lighter according to claim 20, wherein the groove has an inside 2 diameter, and the ring has an inside diameter; the ring diameter being no larger than the 3 groove diameter.
- 1 22. A cigarette lighter according to claim 20, wherein the well has a diameter 2 and the tubular element has an outside diameter; the tubular element diameter being no 3 smaller than the well diameter.
- 1 23. A cigarette lighter according to claim 20, wherein the groove has an outside 2 diameter, and the ring has an outside diameter; the ring diameter is no larger than the 3 groove diameter.
- 1 24. A cigarette lighter according to claim 15, wherein the head has an ignition device and a device for controlling the gas dispensing device.
- 25. A cigarette lighter according to claim 15, wherein the head and the ring are formed as a single piece made of a semi-crystalline polymer material.

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1	26.	A cigarette lighter according to claim 15, wherein the tubular	element	is
2	engaged by fo	rce in a hole provided in the head.		

- 1 27. A cigarette lighter according to claim 15, wherein the gas dispensing device 2 includes a regulating device and a valve that are received inside the tubular element.
- 1 28. A cigarette lighter according to claim 27, wherein the tubular element is 2 made of metal and has an internal shoulder against which a micro-porous disk is held by a 3 retaining ring, the tubular element having one end crimped against the retaining ring.
- 1 29. A cigarette lighter according to claim 15, wherein the reservoir has a side 2 wall against which the top wall is bonded.
- 1 30. A cigarette lighter according to claim 15, wherein the reservoir is made of an 2 amorphous polymer material.
 - 31. A cigarette lighter according to claim 30, wherein the reservoir is formed of a material selected from the group consisting of ABS or SAN.
 - 32. A gas cigarette lighter comprising a reservoir including a top wall for containing a fuel supply; a gas dispensing device for releasing fuel from the fuel supply; a control device for actuating the gas dispensing device and releasing the fuel; and an ignition mechanism for igniting the released fuel; the lighter further comprising:
- 5 a well disposed within the top wall of the reservoir;

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- a tubular element disposed within the well; the tubular element be provided with the gas dispensing device; and
- 8 a means for sealing the tubular element to the top wall;
- wherein the sealing means results from direct contact of the tubular element to the top wall.
- 1 33. A cigarette lighter according to claim 32, wherein the reservoir is made of an amorphous polymer material.
- 1 34. A cigarette lighter according to claim 33, wherein the reservoir is formed of 2 a material selected from the group consisting of ABS or SAN.
- 1 35. A cigarette lighter according to claim 32, further comprises a ring, and the top wall has an annular wall and an annular groove, wherein the ring engages the groove.

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1 36. A cigarette lighter according to claim 35, wherein the annular wall is clamped between the ring and the tubular element.

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- 1 37. A cigarette lighter according to claim 35, wherein the annular groove has a first annular face, facially radially outwards, and the ring has a first annular face facing radially inwards; and the first groove face and the first ring face are engaged in tight-fitting manner with one another.
 - 38. A cigarette lighter according to claim 37, wherein the annular groove has a second annular face facing radially inwards, and the ring has a second annular face facing radially outwards; and the second groove face and the second ring face are not engaged in tight-fitting manner with one another.
- 1 39. A cigarette lighter according to claim 35, wherein the well, the tubular element, the ring and the groove are in the shape of a cylinder that is circularly-symmetrical.
- 1 40. A cigarette lighter according to claim 39, wherein the groove has an inside 2 diameter, and the ring has an inside diameter; the ring diameter being no larger than the 3 groove diameter.
 - 41. A cigarette lighter according to claim 39, wherein the well has a diameter and the tubular element has an outside diameter; the tubular element diameter being no smaller than the well diameter.
- 1 42. A cigarette lighter according to claim 39, wherein the groove has an outside 2 diameter, and the ring has an outside diameter; the ring diameter is no larger than the 3 groove diameter.
- 1 43. A cigarette lighter according to claim 35, further comprising a head having 2 an ignition device and a device for controlling the gas dispensing device.
- 1 44. A cigarette lighter according to claim 43, wherein the head and the ring are 2 formed as a single piece made of a semi-crystalline polymer material.
- 1 45. A cigarette lighter according to claim 43, wherein the tubular element is 2 engaged by force in a hole provided in the head.

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- 1 46. A cigarette lighter according to claim 32, wherein the gas dispensing device 2 includes a regulating device and a valve that are received inside the tubular element.
- 1 47. A cigarette lighter according to claim 46, wherein the tubular element is 2 made of metal and has an internal shoulder against which a micro-porous disk is held by a 3 retaining ring, the tubular element having one end crimped against the retaining ring.
- 1 48. A cigarette lighter according to claim 32, wherein the reservoir has a side wall against which the top wall is bonded.